

Mathematics Career Snapshot

Graduate Opportunities

Maths graduates find work in a range of areas including **finance, IT, business, government, healthcare, education, engineering, insurance, research** and more. Some example job roles include:

- Data Analyst/Scientist/Engineer
- Financial Analyst
- Actuary
- Software Developer/Engineer
- Secondary School Teacher
- University Tutor/Academic Researcher
- Statistician
- Business Analyst
- Quantitative Analyst

Look at: [What Can I Do With My Maths Degree?](#)

Further Study Options

An **Honours year** is available to high-achieving BSc students. It is **usually essential for entry into Higher Degrees by Research**.

Graduates interested in a career in research and/or academia will typically follow this with either a **Master's** or a **PhD**.

Please refer to the [Bachelor of Science \(Honours\)](#) Handbook for eligibility information.

Career Relevant Experiences

To gain a competitive edge, BSc students may seek to **undertake additional paid or unpaid internships or work experience** during their studies. A growing number of internships and other workplace experiences are now offered virtually.

Internships, vacation work, cadetships and other work experience opportunities are advertised on employer websites, social media sites and online job boards

Professional Associations

The following Professional Associations and organisations are worth investigating:

- [Australian Mathematical Society](#)
- [The Australian Association of Mathematics Teachers](#)

Volunteering

Volunteering is a great way to form **professional networks, develop work skills** and **stand out from the crowd**. Students are recommended to consider:

- Volunteering for opportunities presented through their degree
- Becoming a [JCU Student Mentor](#)
- Being involved in a [JCU Student Society](#)

Recommended Skills

Problem Solving; Research and Data Analysis;
Numeracy Skills; Communicating Complex Ideas;
Project Management; Teamworking; **IT Skills/Basic Programming;** Logical Reasoning; **Dealing with Abstract Concepts**

Graduate Career Portals

Check out these sites for graduate programmes, graduate jobs, internships and placements:

- [Prosple](#)
- [SEEK Grad](#)
- [Smart Jobs](#)

JCU Careers Support

The JCU Careers and Employability Team are here to support you during your studies and after you graduate:

- [JCU Careers Website](#)
- [CareerHub \(Book Careers Appointments Here\)](#)